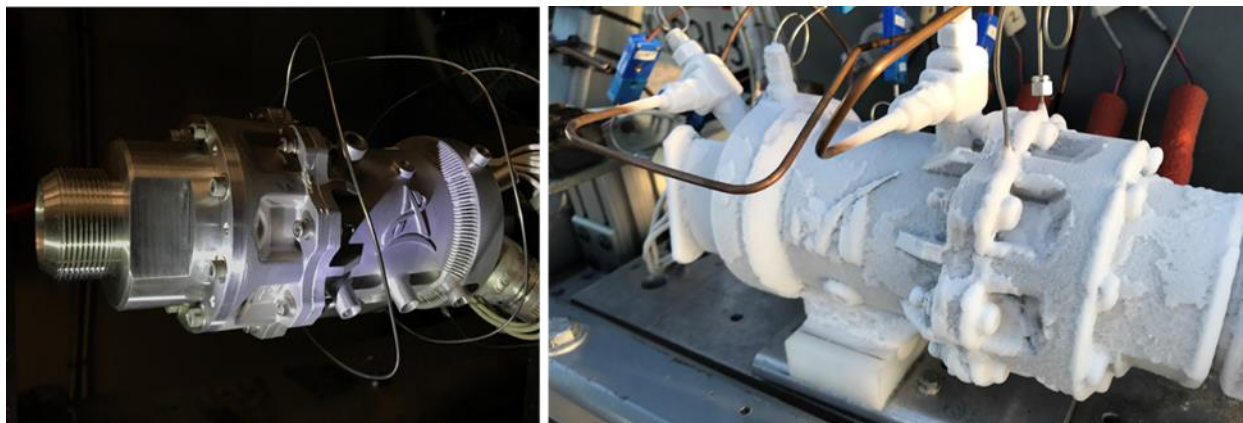


December 19, 2019

## **Masten Space Systems and P3 Technologies Test Methane Electric Pump, and Complete Designs of Liquid Oxygen and Liquid Hydrogen Pumps**

Masten Space Systems and P3 Technologies have reached a significant milestone toward development of their line of compact, high power density, high-performance electric pumps. Development testing has progressed from cryogenic motor testing to full pump testing in both liquid nitrogen and liquid methane. The first use of this technology is in NASA's Artemis program, where it is helping return humans to the moon.

Development testing of the methane pump continues to support the initial product launch date of mid-2020. Additionally, the pump designs for liquid oxygen and liquid hydrogen have been completed, with testing to follow the methane pump.



### **About Masten Space Systems**

Masten Space Systems is a private company founded in 2004 by CTO David Masten. The company develops innovative rocket technologies and is driven by the goal of lowering the barriers to space access. Masten Space Systems is based in Mojave, CA. If you would like more information about this topic, please visit [www.masten.aero](http://www.masten.aero) or email [info@masten.aero](mailto:info@masten.aero).

### **About P3 Technologies**

P3 Technologies is a propulsion company in Jupiter, Florida specializing in propulsion, pumps, and power. The company conducts research,

development, design, and analysis of existing, advanced, and emerging propulsion systems including liquid propellant rocket engines of all cycles and propellants. For more information, please visit [www.p3-tech.com](http://www.p3-tech.com) or email [info@p3-tech.com](mailto:info@p3-tech.com).